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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 102913.01		APPLICATION NO. New U.S. Patent Application	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Hideaki TAKAHASHI and Junzo UKAI			
				FILING DATE April 16, 2001		GROUP	

U.S. PTO
 09/834617
 04/16/01

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<i>RA</i> ↓ ↓		5,487,558	01/1996	Ball et al.		
		5,632,914	05/1997	Hagenow et al.		
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FOREIGN PATENT DOCUMENTS						
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<i>RA</i> ↓ ↓		JP A-9-156443	06/1997	Japan		
		JP A-9-2-99324	04/1990	Japan		
		JP A-9-300400	11/1997	Japan		
		DE 3,904,977	01/1990	Germany		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						

EXAMINER <i>E. Lee</i>	DATE CONSIDERED <i>12/12/03</i>
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Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.